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WITTMANN BATTENFELD at the Drinktec in Munich

WITTMANN BATTENFELD with highly efficient packaging line at the Drinktec

To visitors of the Drinktec in Munich, WITTMANN BATTENFELD will present jointly with its partners a highly efficient high-speed injection molding line at its booth No. C5.103 from 12 to 16 September 2022.

The Drinktec is a convenient platform for WITTMANN BATTENFELD to introduce its high-speed machines of the all-electric EcoPower Xpress series to potential customers from the beverage and liquid food sector. The EcoPower Xpress is a high-performance electric machine whose extremely dynamic injection, closing and opening drive shafts are laid out for fast movements and ultimate control accuracy. With minimal rotatory masses, this drive solution enables manufacturers to reach extremely high speeds and acceleration values, which are well above those achieved by electric spindle drives or even conventional hydraulic solutions.

At the Drinktec, WITTMANN BATTENFELD will demonstrate its expertise in the field of high-speed equipment for the packaging industry by producing HDPE screw caps for drink bottles with a diameter of 29/25 mm and a weight of 1.35 g, using a 32-cavity mold supplied by HTW, Austria, on an EcoPower Xpress 210/1100+. The machine is equipped with an IMDvista vision inspection system. The Swiss partner company will showcase a complete set of downstream equipment. Following cooling, orientation and precise separation, all closing caps are subjected to an inline quality check. Any faulty parts detected are automatically sorted out before the caps are passed on to the packaging station. The total cycle time for producing the parts is 2.5 seconds.

Additional exhibits at the Drinktec will be auxiliary appliances from the WITTMANN Group as stand-alone solutions.



Fig. 1: Screw caps for drink bottles (Photo: WITTMANN BATTENFELD)



Fig. 2: Complete IMDvista downstream line (Photo: IMDvista)

The WITTMANN Group

The WITTMANN Group is a globally leading manufacturer of injection molding machines, robots and auxiliary equipment for processing a great variety of plasticizable materials – both plastic and non-plastic. The group of companies has its headquarters in Vienna, Austria and consists of two main divisions: WITTMANN BATTENFELD and WITTMANN. Following the principles of environmental protection, conservation of resources and circular economy, the WITTMANN Group engages in state-of-the-art process technology for maximum energy efficiency in injection molding, and in processing standard materials and materials with a high content of recyclates and renewable raw materials. The products of the WITTMANN Group are designed for horizontal and vertical integration into a Smart Factory and can be interlinked to form an intelligent production cell.

The companies of the group jointly operate eight production plants in five countries, and the additional sales companies at their 34 different locations are present in all major industrial markets around the world.

WITTMANN BATTENFELD pursues the continued strengthening of its market position as a manufacturer of injection molding machines and supplier of comprehensive modern machine technology in modular design. The product range of WITTMANN includes robots and automation systems, material handling systems, dryers, gravimetric and volumetric blenders, granulators, temperature controllers and chillers. The combination of the individual areas under the umbrella of the WITTMANN Group enables perfect integration – to the advantage of injection molding processors with an increasing demand for seamless interlocking of processing machines, automation and auxiliaries.

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